

Amendments to the Specification:

Please insert the following sentence into the application on page 1, line 3 of the specification:

This application is the National Stage Application of International Application No. PCT/DK2005/000160 filed on March 9, 2005, which claims priority to United States Application No. 10/800,200 filed on March 11, 2004, the complete descriptions of which are hereby incorporated by reference.

Please insert the Abstract page into the application as the last page thereof.

Abstract

According to the invention, there is provided null-LOX-1 barley and plant products produced thereof, such as malt manufactured by using barley kernels defective in synthesis of the fatty acid-converting enzyme lipoxygenase-1. Said enzyme accounts for the principal activity related to conversion of linoleic acid into 9-hydroperoxy octadecadienoic acid, a lipoxygenase pathway metabolite, which-through further enzymatic or spontaneous reactions-may lead to the appearance of trans-2-nonenal. The invention enables brewers to produce a beer devoid of detectable trans-2-nonenal-specific off flavors, even after prolonged storage of the beverage.